

Converting Colors

XYZ(36.6050, 35.5778, 60.4742)

Have a look what the booklet for
XYZ(36.6050, 35.5778, 60.4742)
contains.

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Color

**XYZ(36.5042, 35.4991,
60.1864)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9DC9
RGB	157, 157, 201
RGB Percent	62%, 62%, 79%
CMY	0.3843, 0.3843, 0.2118
CMYK	0.22, 0.22, 0.00, 0.21
HSL	240°, 29%, 70%
HSV	240°, 22%, 79%
XYZ	36.5042, 35.4991, 60.1864
YIQ	162.0160, -14.1240, 13.6840

Conversions

Conversions Part 2

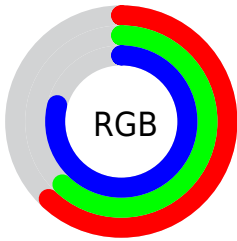
Format	Color
R _{YB}	157, 157, 201
Decimal	10329545
CIE Lab	66.14, 9.41, -22.53
CIE LCh	66, 24.413, 292.678
Yxy	35.4991, 0.2762, 0.2685
Android (android.graphics.Color)	4288519625 (0xFF9D9DC9)
YUV	162.0160, 19.2191, -4.3990
Hunter-Lab	59.5811, 5.0965, -18.1855

Details

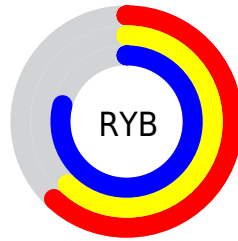
The XYZ color **36.5042, 35.4991, 60.1864** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.0602, 56.6251, 40.1378**, and the grayscale version is **34.2687, 36.0533, 39.2620**.

A 20% lighter version of the original color is **68.4956, 67.8056, 104.0854**, and **16.2462, 15.4179, 29.7234** is the 20% darker color. If you saturate the color by 10%, you get **29.7752, 27.3912, 58.9767**, and if you desaturate by 10%, it is **44.4400, 45.0612, 61.6144**.

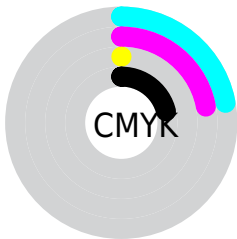
Distribution



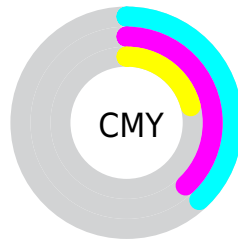
- Red (62%)
- Green (62%)
- Blue (79%)



- Red (62%)
- Yellow (62%)
- Blue (79%)



- Cyan (22%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)



- Cyan (38%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5042, 35.4991, 60.1864 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 36.5042, 35.4991, 60.1864 by changing the saturation by 10% instead.

■ 36.5042, 35.4991,
60.1864

■ 36.5042, 35.4991,
60.1864

322.5519,
326.7659, 443.1082

■ 24.9958, 24.0476,
43.1426

■ 69.1284, 68.2582,
106.6460

■ 16.2026, 15.3689,
29.6648

■ 90.9748, 90.3347,
136.8990

■ 9.7594, 9.0787,
19.3344

116.9980,
116.7215, 172.3920

■ 5.3008, 4.7926,
11.7329

147.5632,
147.8032, 213.5438

■ 2.4613, 2.1261,
6.4418

183.0359,
183.9640, 260.7727

■ 0.8758, 0.6792,
3.0424

223.7813,

■ 0.0000, 0.0000,

225.5885, 314.4974

1.1163

270.1649,
273.0610, 375.1364

■ 0.0000, 0.0000,
0.0000

■ 36.5042, 35.4991,
60.1864

■ 36.5042, 35.4991,
60.1864

■ 29.7752, 27.3912,
58.9767

■ 44.4400, 45.0612,
61.6144

■ 24.1908, 20.6624,
57.9722

■ 53.6340, 56.1392,
63.2681

■ 19.6883, 15.2371,
57.1623

■ 64.1387, 68.7967,
65.1576

■ 16.1976, 11.0311,
56.5345

■ 76.0029, 83.0920,
67.2915

■ 13.6406, 7.9500,
56.0745

■ 87.5427, 96.9971,
69.3673

■ 11.9276, 5.8859,
55.7664

■ 10.9515, 4.7097,
55.5908

■ 10.5428, 4.2172,
55.5173

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.8591, 35.4991, 62.0630



36.5042, 35.4991, 60.1864



39.6016, 35.4991, 52.0831

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.5042, 35.4991, 60.1864



38.1521, 35.4991, 24.8352



27.2805, 35.4991, 36.1605

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36.5042, 35.4991, 60.1864



51.0602, 56.6251, 40.1378

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28.4889, 35.4991, 27.7553



36.5042, 35.4991, 60.1864



34.6382, 35.4991, 22.0223

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.5042, 35.4991, 60.1864



40.5996, 35.4991, 31.4461



31.1206, 35.4991, 22.9862



27.7016, 35.4991, 46.8835

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.5042, 35.4991, 60.1864



40.8525, 35.4991, 44.9149



31.1206, 35.4991, 22.9862



27.5064, 35.4991, 33.0010

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36.5053, 35.5005, 60.1872



83.3530, 85.9060, 106.7961



45.2486, 53.1247, 62.6770



17.6363, 18.1408, 22.8219



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.5053, 35.5005, 60.1872



57.0955, 54.2677, 102.0732



41.0218, 37.8285, 60.3985



10.0567, 10.2876, 13.3731



6.6289, 2.6516, 34.9068



0.3139, 0.1256, 1.6528

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42.2311, 38.9667, 37.1954



68.5261, 61.1875, 56.1734



45.7336, 53.8797, 39.8886



10.6339, 10.6370, 11.0555



15.1453, 7.8077, 0.7089



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 36.5042, 35.4991, 60.1864 looks on a white background.

Color Contrast Check

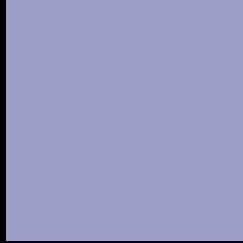
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 36.5042, 35.4991, 60.1864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

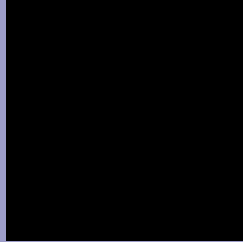
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5042, 35.4991, 60.1864

Background



This preview shows how black text looks on a background with the XYZ color 36.5042, 35.4991, 60.1864.



This preview shows how white text looks on a background with the XYZ color 36.5042, 35.4991,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

36.5042, 35.4991, 60.1864

Protanopia

35.6365, 35.5446, 60.8597

Deuteranopia

36.3099, 35.3989, 60.1773



Tritanopia

33.6071, 35.6112, 45.6598

Trichromacy



Original Color

36.5042, 35.4991, 60.1864

Protanomaly

36.0244, 35.4903, 60.8287

Deuteranomaly

36.3099, 35.3989, 60.1773

Tritanomaly

34.5490, 35.4723, 50.3733

Monochromacy



Original Color

36.5042, 35.4991, 60.1864

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.9045, 35.7498, 46.1350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5042, 35.4991, 60.1864 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(157, 157, 201)` looks like.

```
.text, #text, p{  
    color:rgb(157, 157, 201)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(157, 157, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 157, 201) }
```

Border

The CSS property to change the border of an element to XYZ 36.5042, 35.4991, 60.1864 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 157, 201) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(157, 157, 201) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(157, 157, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 157, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 157, 201);  
box-shadow:4px 4px 4px 4px rgb(157, 157,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5042, 35.4991, 60.1864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 157, 201) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(157,  
157, 201) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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